



PART B - FEE(S) TRANSMITTAL

Complete and send this form together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

21874 7590 10/02/2003

EDWARDS & ANGELL, LLP
P.O. BOX 9169
BOSTON, MA 02209

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Kathryn A. Grindrod	(Depositor's name)
<i>Kathryn A. Grindrod</i>	(Signature)
November 7, 2003	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/045,385	03/20/1998	YASUHIRO MATSUSHIMA	48240	9820

TITLE OF INVENTION: EASY-TO-MANUFACTURE LIQUID CRYSTAL DISPLAY DEVICE WITH LIGHT SHIELDING FRAME LAYER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	01/02/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
PARKER, KENNETH	2871	349-110000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.☒ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 David G. Conlin2 David A. Tucker3 Edwards & Angell, LLP

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

SHARP KABUSHIKI KAISHA

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

OSAKA

JAPAN

Please check the appropriate assignee category or categories (will not be printed on the patent);

☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed. **\$1,660.00**☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 04-1105 (enclose an extra copy of this form).

Director for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature) David A. Tucker (Date)

David A. Tucker (Reg. No. 27,840) November 7, 2003

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

11/13/2003 RNEBRAH1 00000011 09045385

01 FC:1501

1330.00 OP

02 FC:1504

300.00 OP

03 FC:8001

30.00 OP

TRANSMIT THIS FORM WITH FEE(S)



Practitioner's Docket No. 48240 CPA (70840)
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Y. Matsushima et al.
Application No.: 09/045,385
Filed: March 20, 1998
For: EASY-TO-MANUFACTURE LIQUID CRYSTAL DISPLAY DEVICE WITH
LIGHT SHIELDING FRAME LAYER

Mail Stop: Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF PAYMENT OF ISSUE FEE (37 C.F.R. SECTION 1.311)

1. Applicant hereby pays the issue fee for the attached Issue Fee Transmittal PTOL-85.
2. Fee (37 C.F.R. section 1.18(a) and (b)):

Application status is:	Regular	Design
<input type="checkbox"/> small business entity fee	<input type="checkbox"/> \$ 665.00	<input type="checkbox"/> \$240.00
<input type="checkbox"/> statement attached		
<input type="checkbox"/> statement filed on _____		

CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. SECTION 1.8(a))

I hereby certify that, on the date shown below, this correspondence is being:

MAILING

☒ deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FACSIMILE

☐ transmitted by facsimile to the Patent and Trademark Office.

Kathryn A. Grindrod
Signature

Kathryn A. Grindrod
(type or print name of person certifying)

Date: November 7, 2003

(Transmittal of Payment of Issue Fee--page 1 of 2)

☒ other than a small entity fee

☒ \$1,330.00

☐ \$240.00

3. Publication fee

☒ \$ 300.00

4. Advanced order of soft copies of patent fee

☒ \$ 30.00

Total Fee Enclosed: \$ 1,660.00

5. Payment of fee:

☒ Enclosed please find check for \$ 1,660.00.

☒ Charge Account 04-1105 for any fee deficiency.

☐ Charge Account _____ the sum of \$ _____.

A duplicate of this request is attached.

Date: November 7, 2003

David A. Tucker
SIGNATURE OF PRACTITIONER

Reg. No. 27,840

David A. Tucker
(type or print name of practitioner)
Attorney for Applicant(s)

Tel. No.: (617) 517-5508

Edwards & Angell, LLP
P.O. Box 9169
P.O. Address

Customer No.: 21874

Boston, MA 02209

354156